700

Fig. 1

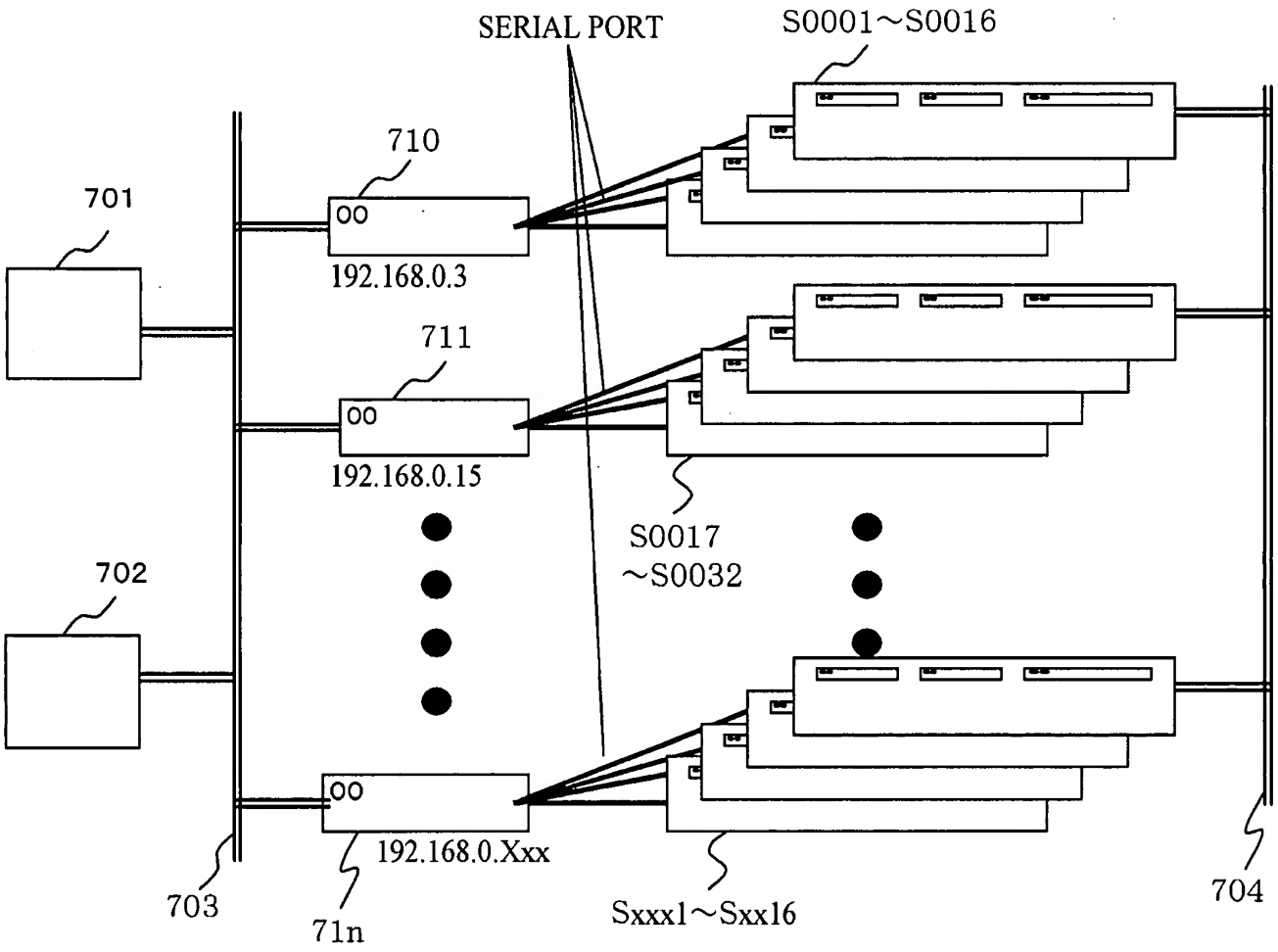

SERIAL PORT
S0001~S0016
710
701
00
192.168.0.3
711
00
192.168.0.15
S0017
~S0032
702
00
192.168.0.Xxx
703
71n
Sxxx1~Sxx16
704

Fig. 2

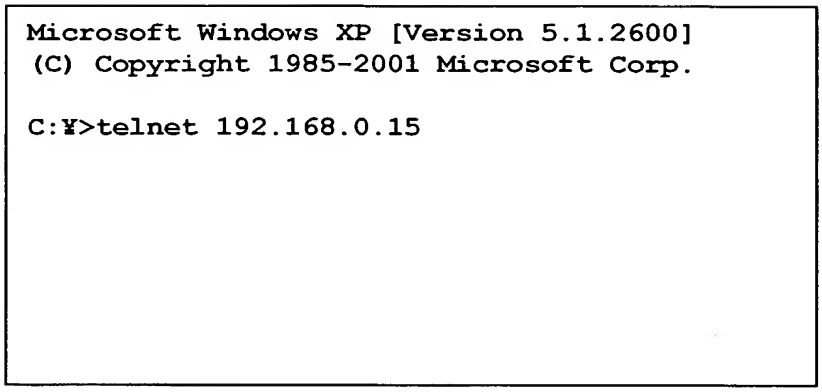

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:¥>telnet 192.168.0.15

Fig. 3

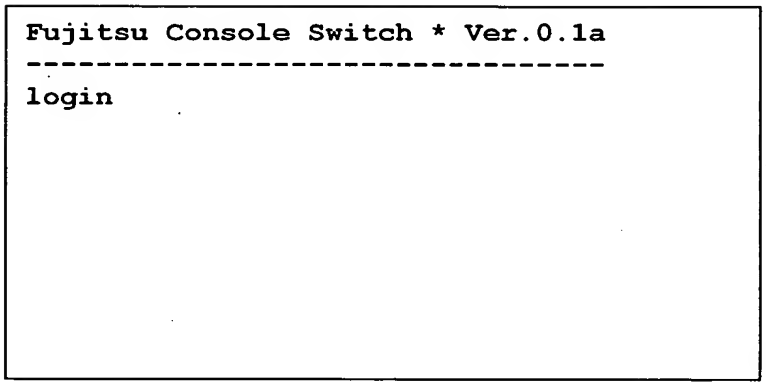

Fujitsu Console Switch * Ver.0.1a
login

Fig. 4

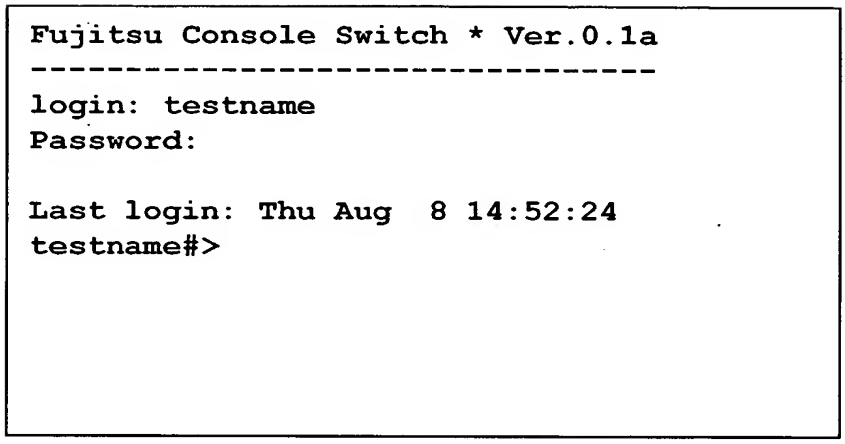

Fujitsu Console Switch * Ver.0.1a
login: testname
Password:
Last login: Thu Aug 8 14:52:24
testname#>

Fig. 5

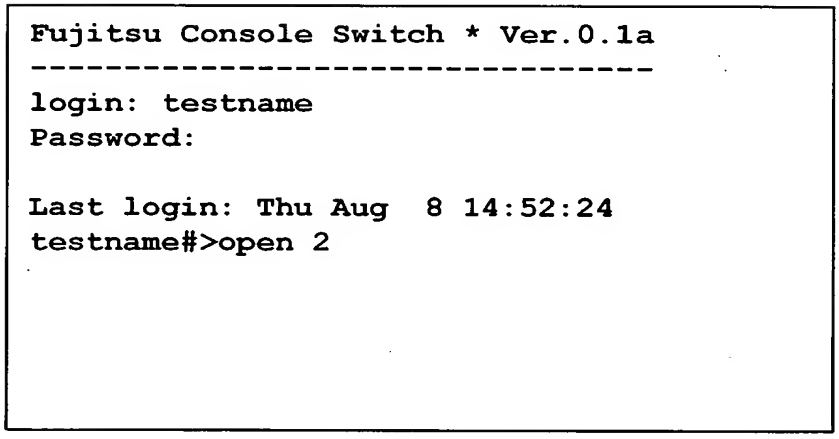

Fujitsu Console Switch * Ver.0.1a
login: testname
Password:
Last login: Thu Aug 8 14:52:24
testname#>open 2

Fig. 6

```
Fujitsu Console Switch * Ver.0.1a
---------------------------------
login: testname
Password:

Last login: Thu Aug  8 14:52:24
testname#>open 2

Welcome Xxx Yyy (apollo)

login: xyz
Password:
Last login: Thu Aug  8 16:21:31 from xyz

apollo%
```

Fig. 7

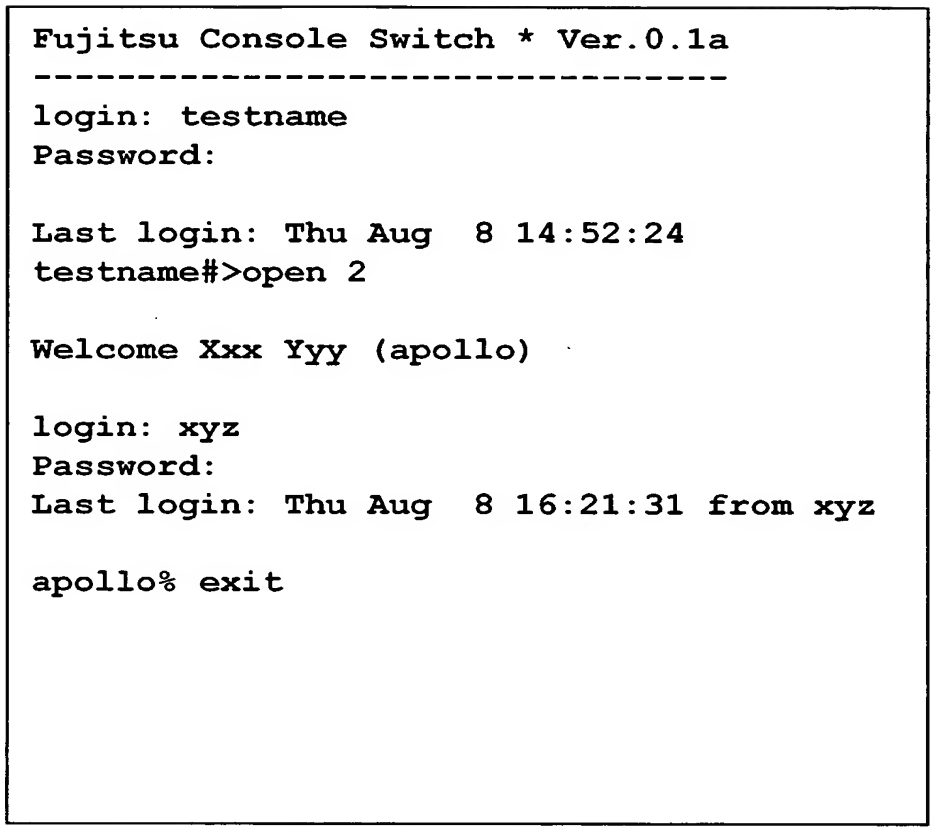

Fujitsu Console Switch * Ver.0.1a
login: testname
Password:
Last login: Thu Aug 8 14:52:24
testname#>open 2
Welcome Xxx Yyy (apollo)
login: xyz
Password:
Last login: Thu Aug 8 16:21:31 from xyz
apollo% exit

Fig. 8

```
Fujitsu Console Switch * Ver.0.1a
---------------------------------
login: testname
Password:

Last login: Thu Aug  8 14:52:24
testname#>open 2

Welcome Xxx Yyy (apollo)

login: xyz
Password:
Last login: Thu Aug  8 16:21:31 from xyz

apollo% exit

testname#>
testname#>
```

Fig. 9

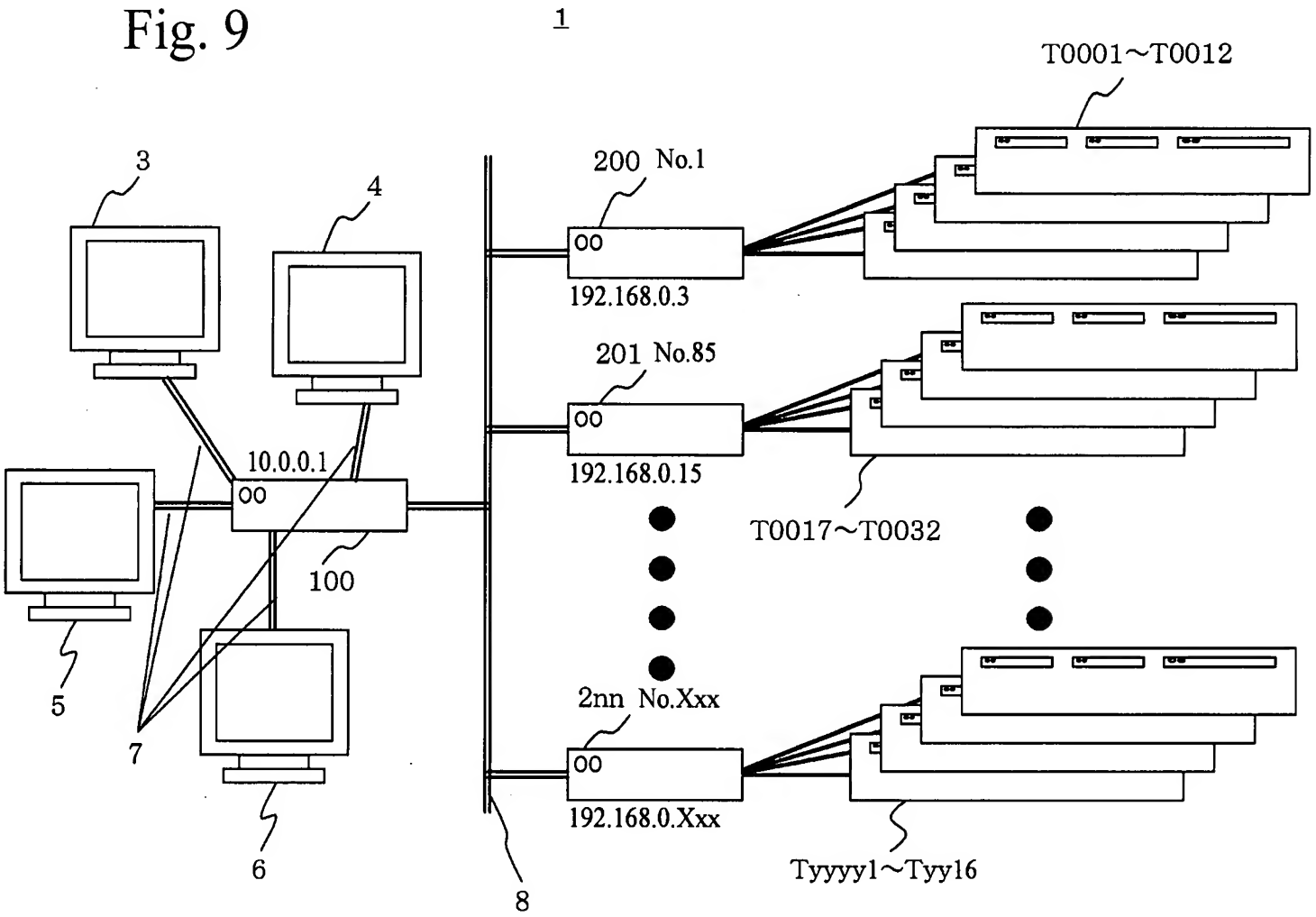

1
T0001~T0012
3
4
200 No.1
00
192.168.0.3
201 No.85
00
192.168.0.15
10.0.0.1
00
100
T0017~T0032
5
7
2nn No.Xxx
00
192.168.0.Xxx
6
8
Tyyyy1~Tyy16

Fig. 10

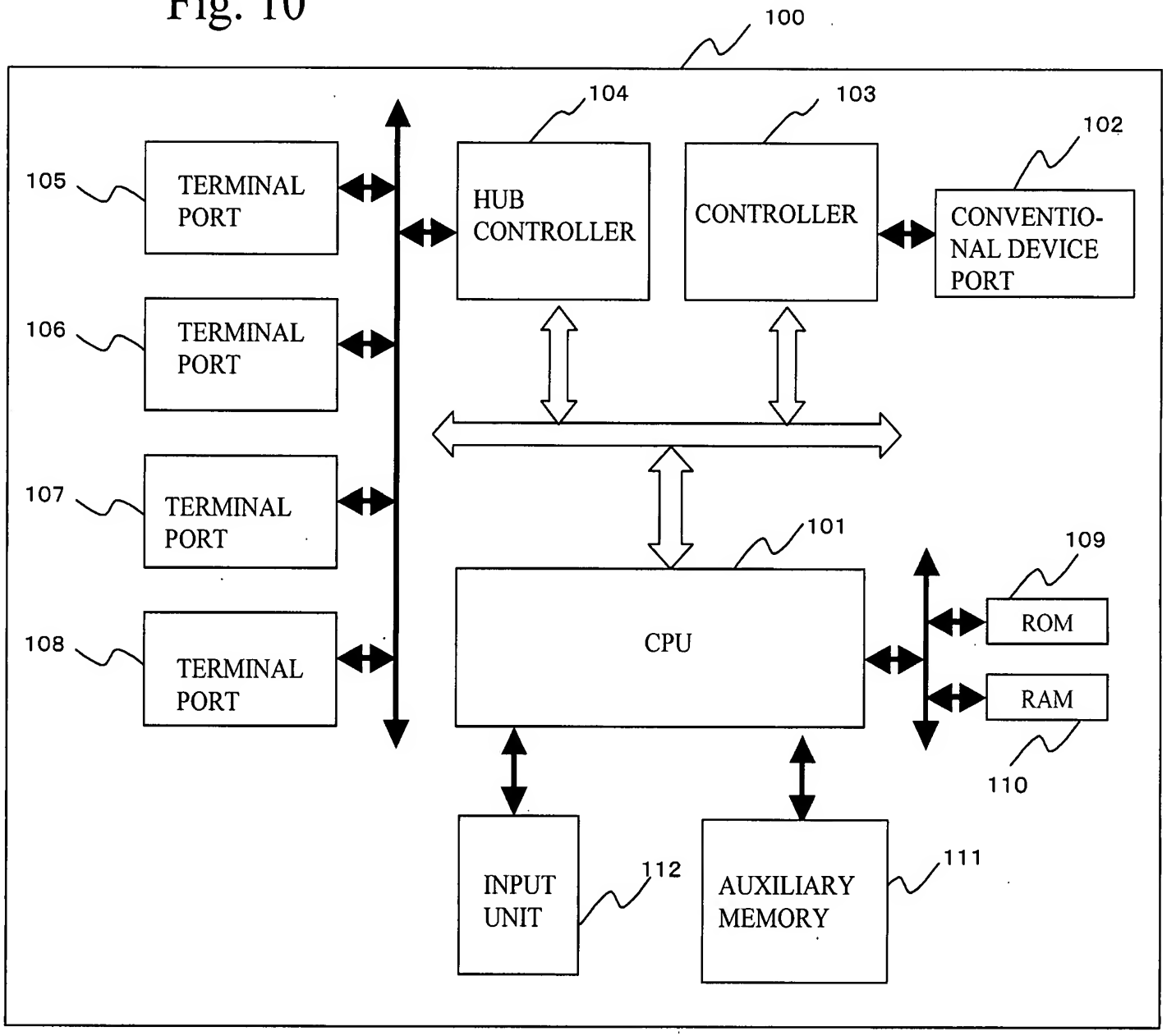

100
104
103
102
105
TERMINAL PORT
HUB CONTROLLER
CONTROLLER
CONVENTIO-NAL DEVICE PORT
106
TERMINAL PORT
107
TERMINAL PORT
101
109
108
TERMINAL PORT
CPU
ROM
RAM
110
INPUT UNIT
112
AUXILIARY MEMORY
111

Fig. 11

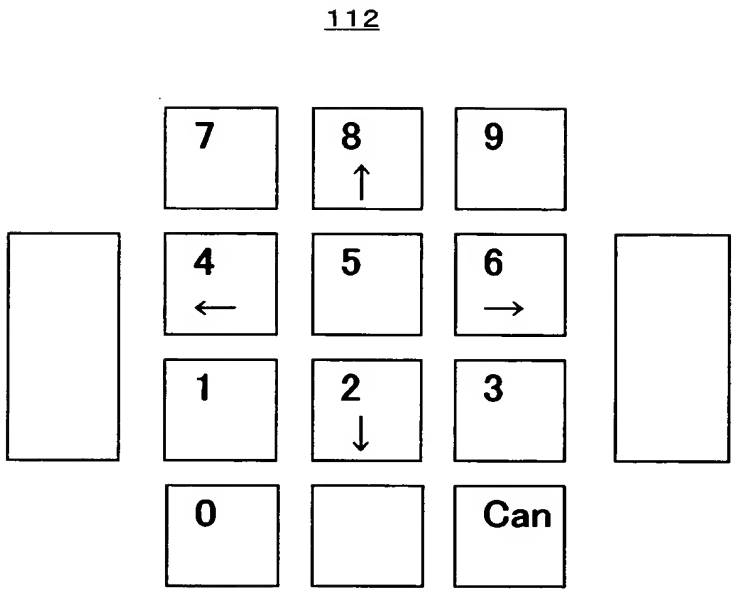


Fig. 12

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
0031,	1,	zeus,	1,	12,	192.168.0.3,	00:01:A1:23:99:01,	abcdefg,	95j+1!45rz34ni3lk4j,	1,	10.0.0.2,	5001
0032,	2,	appllo,	1,	12,	192.168.0.3,	00:01:A1:23:99:01,	abcdefg,	95j+1!45rz34ni3lk4j,	0,	10.0.0.2,	5002
0033,	3,	gaia,	1,	12,	192.168.0.3,	00:01:A1:23:99:01,	abcdefg,	95j+1!45rz34ni3lk4j,	0,	10.0.0.2,	5003
0034,	4,	michel,	1,	12,	192.168.0.3,	00:01:A1:23:99:01,	abcdefg,	95j+1!45rz34ni3lk4j,	1,	10.0.0.2,	5012
0035,	5,	Poseidon,	1,	12,	192.168.0.3,	00:01:A1:23:99:01,	abcdefg,	95j+1!45rz34ni3lk4j,	1,	10.0.0.2,	5060
:			:	12,	:	:	:	:	:,		
:			:	12,	:	:	:	:	:,		
0121,	12,	dxt0007,	0,	13,	192.168.0.15,	20:13:DA:91:56:21,	k59kga,	85932HklNkkljasFF,	1,	10.0.0.2,	5031
:			:	13,	:	:	:	:	:,		

Fig. 13

C1: PORT NUMBER (SERIAL NUMBER)	C2: PORT NUMBER (DEVICE BASE)	C3: NAME	C4: POSSIBILITY OF AUTO. CONNECTION	C5: CONNECTING METHOD	C6: IP ADDRESS OF DESTINATION DEVICE	C7: MAC ADDRESS OF DESTINATION DEVICE	C8: ACCOUNT NAME	C9: PASSWORD	C10: STATUS	C11: TERMINAL IP ADDRESS	C12: CONNECTING PORT

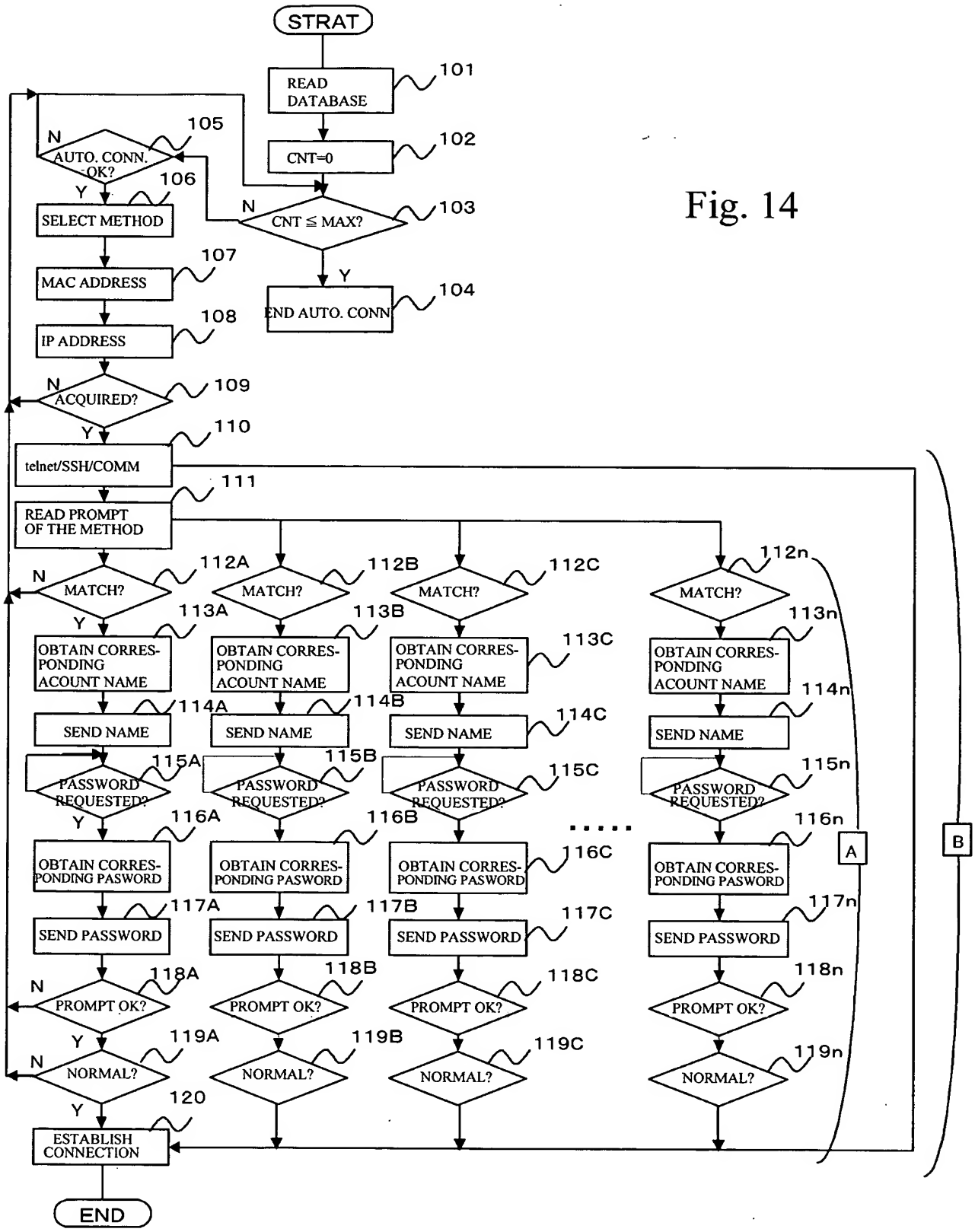

STRAT
READ DATABASE
101
CNT=0
102
CNT ≦ MAX?
103
N
Y
END AUTO. CONN
104
AUTO. CONN. -OK?
105
N
Y
SELECT METHOD
106
MAC ADDRESS
107
IP ADDRESS
108
ACQUIRED?
109
N
Y
telnet/SSH/COMM
110
READ PROMPT OF THE METHOD
111
MATCH?
112A
112B
112C
112n
N
Y
OBTAIN CORRES-PONDING ACOUNT NAME
113A
113B
113C
113n
SEND NAME
114A
114B
114C
114n
PASSWORD REQUESTED?
115A
115B
115C
115n
OBTAIN CORRES-PONDING PASWORD
116A
116B
116C
116n
SEND PASSWORD
117A
117B
117C
117n
PROMPT OK?
118A
118B
118C
118n
NORMAL?
119A
119B
119C
119n
ESTABLISH CONNECTION
120
END
A
B

Fig. 14

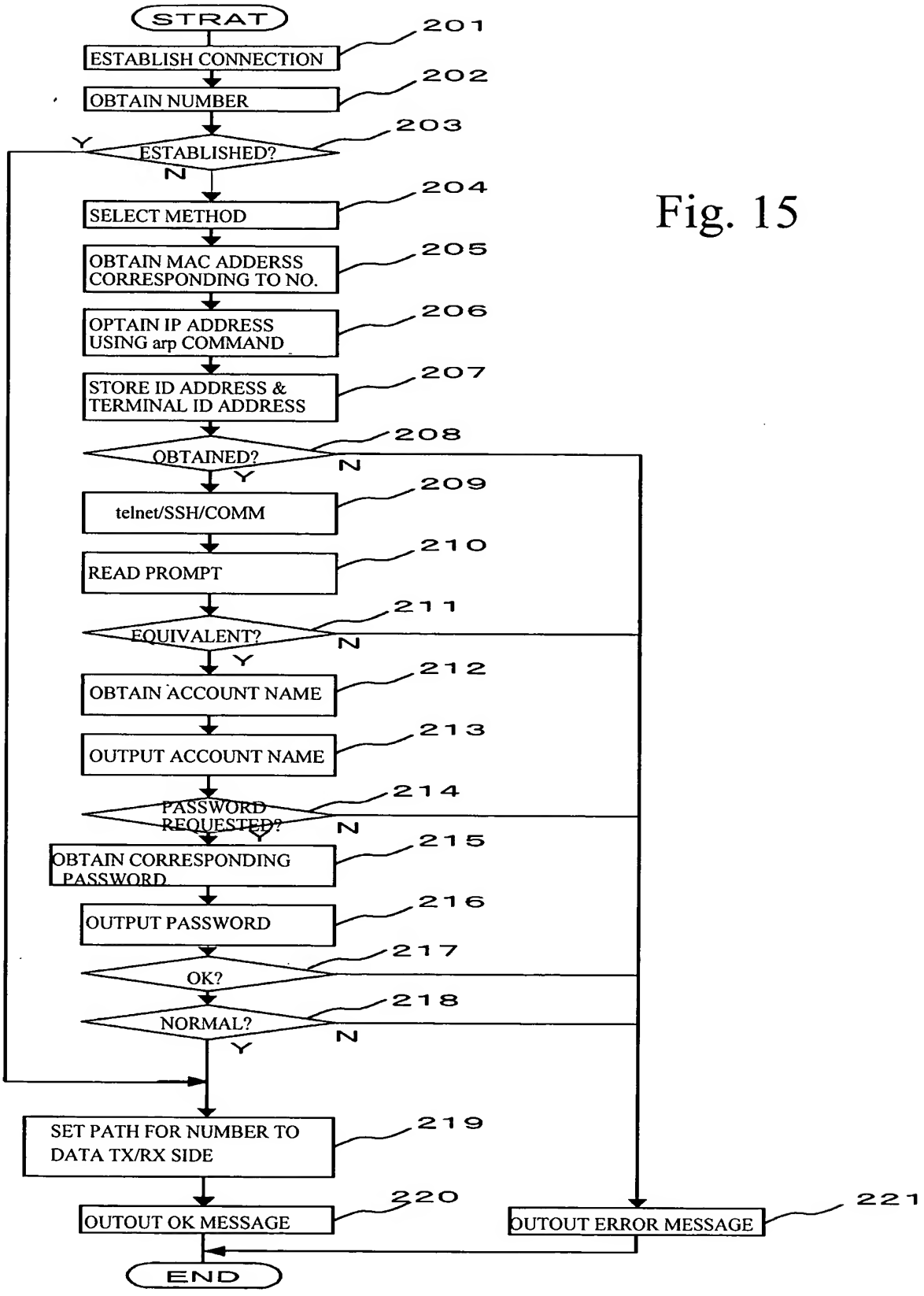

STRAT
ESTABLISH CONNECTION
201
OBTAIN NUMBER
202
ESTABLISHED?
203
Y
N
SELECT METHOD
204
OBTAIN MAC ADDERSS CORRESPONDING TO NO.
205
OPTAIN IP ADDRESS USING arp COMMAND
206
STORE ID ADDRESS & TERMINAL ID ADDRESS
207
OBTAINED?
208
Y
N
telnet/SSH/COMM
209
READ PROMPT
210
EQUIVALENT?
211
Y
N
OBTAIN ACCOUNT NAME
212
OUTPUT ACCOUNT NAME
213
PASSWORD REQUESTED?
214
Y
N
OBTAIN CORRESPONDING PASSWORD
215
OUTPUT PASSWORD
216
OK?
217
NORMAL?
218
Y
N
SET PATH FOR NUMBER TO DATA TX/RX SIDE
219
OUTOUT OK MESSAGE
220
OUTOUT ERROR MESSAGE
221
END

Fig. 15

Fig. 16

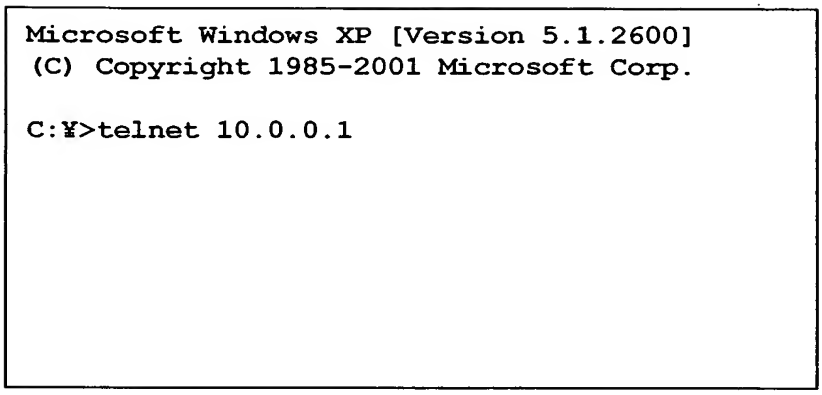

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:¥>telnet 10.0.0.1

Fig. 17

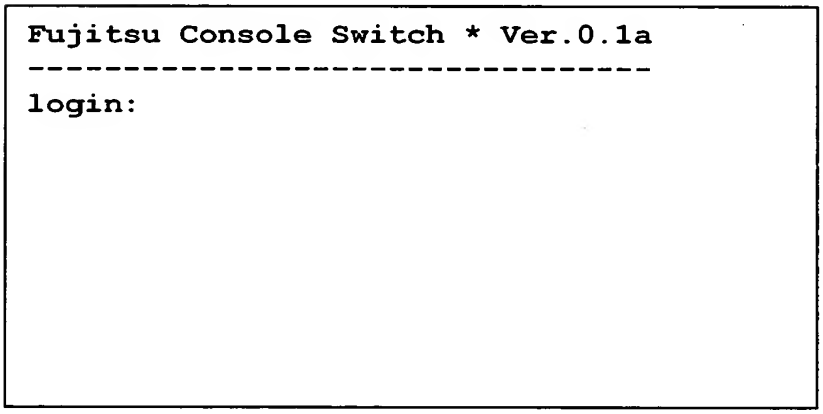

Fujitsu Console Switch * Ver.0.1a
login:

Fig. 18

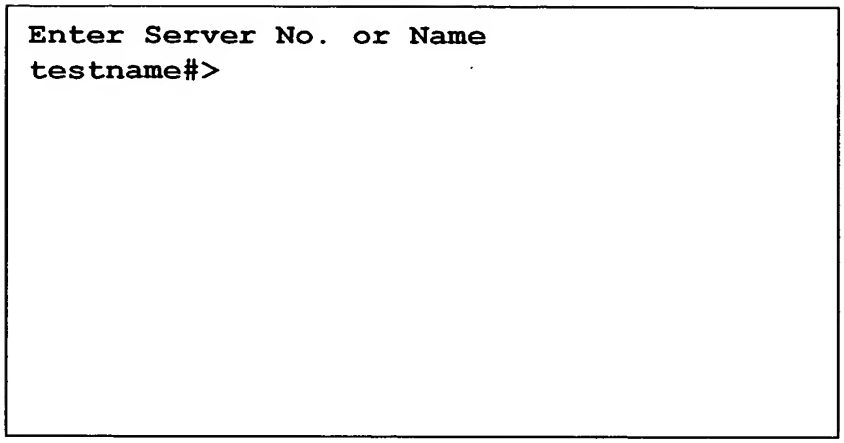

Enter Server No. or Name
testname#>

Fig. 19

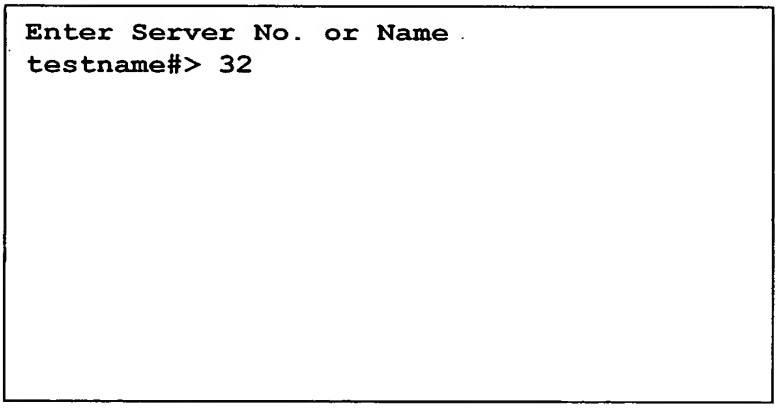

Enter Server No. or Name
testname#> 32

Fig. 20

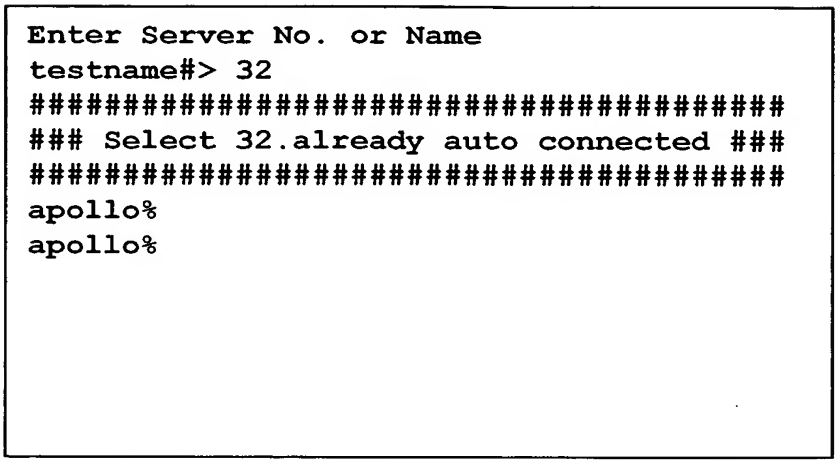

Enter Server No. or Name
testname#> 32
##
Select 32.already auto connected
##
apollo%
apollo%

Fig. 21

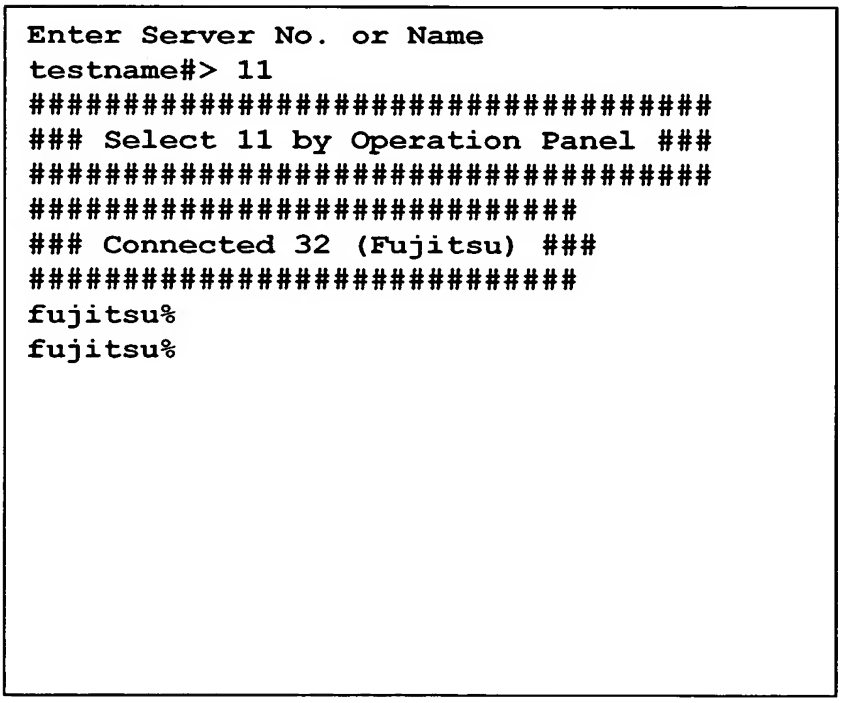

Enter Server No. or Name
testname#> 11
####################################
Select 11 by Operation Panel
####################################
############################
Connected 32 (Fujitsu)
############################
fujitsu%
fujitsu%

Fig. 22

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
0032,	2,	appllo,	1,	12,	192.168.0.3,	00:E0:00:EE:01:01,	abcdefg,	132456,	1,	10.0.0.2,	5002

Fig. 23

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
0011,	2,	fujitsu,	1,	12,	192.168.0.12,	00:E0:00:EE:06:B7,	qwerty,	31654987,	0,	****,	****

Fig. 24

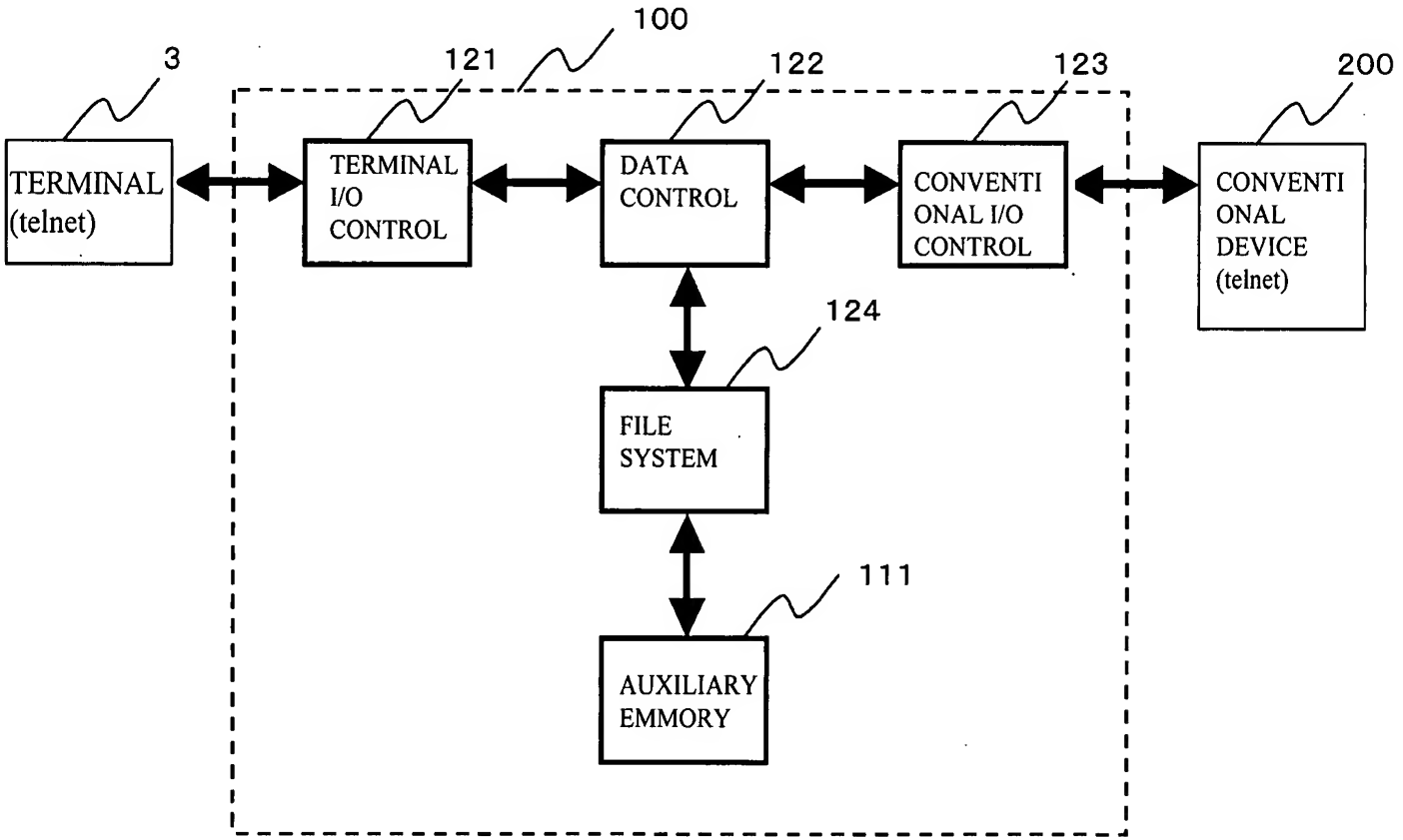

100
3
121
122
123
200
TERMINAL
(telnet)
TERMINAL
I/O
CONTROL
DATA
CONTROL
CONVENTI
ONAL I/O
CONTROL
CONVENTI
ONAL
DEVICE
(telnet)
124
FILE
SYSTEM
111
AUXILIARY
EMMORY

Fig. 25

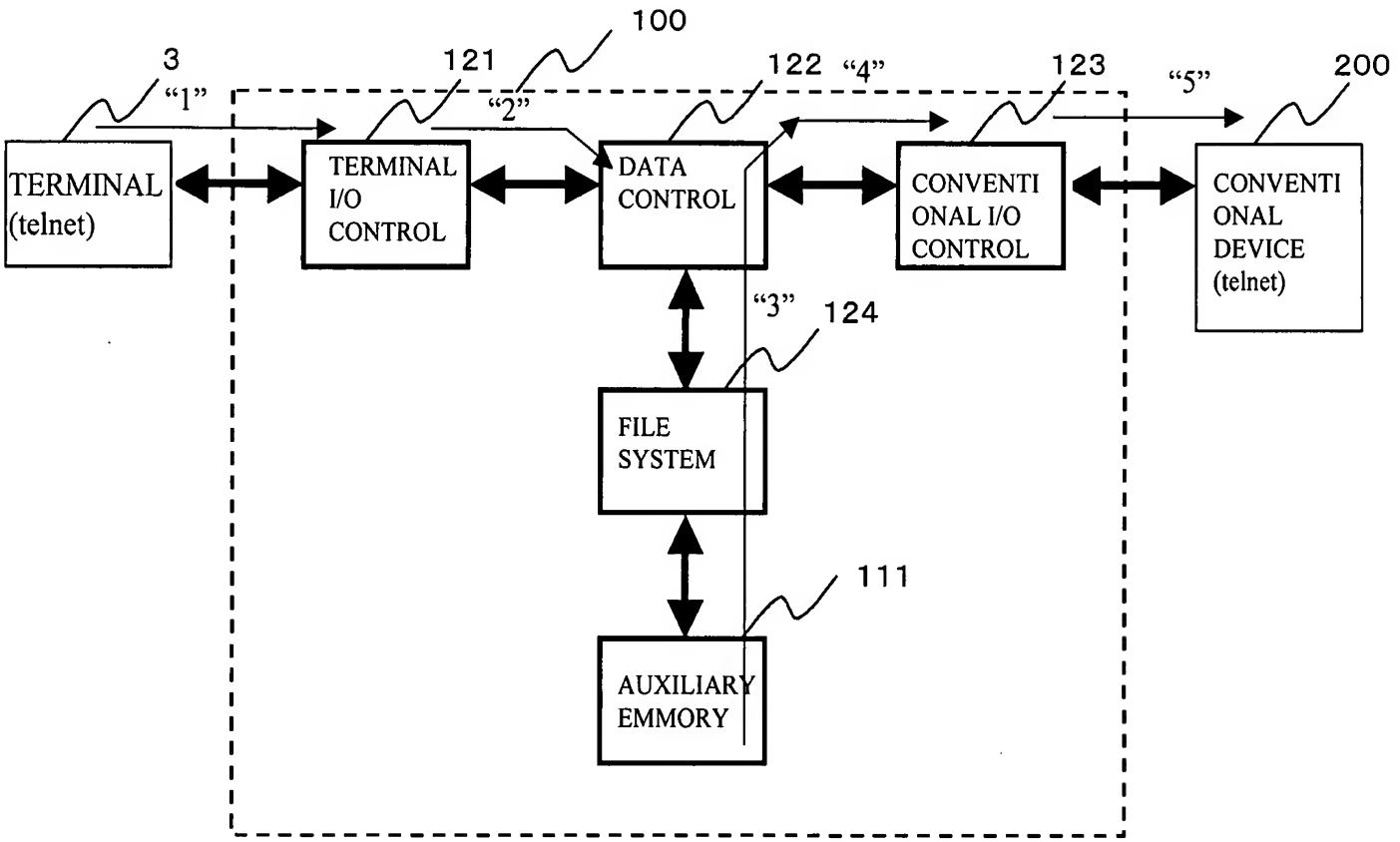

100
3
"1"
121
"2"
122
"4"
123
"5"
200
TERMINAL
(telnet)
TERMINAL
I/O
CONTROL
DATA
CONTROL
CONVENTI
ONAL I/O
CONTROL
CONVENTI
ONAL
DEVICE
(telnet)
"3"
124
FILE
SYSTEM
111
AUXILIARY
EMMORY

Fig. 26

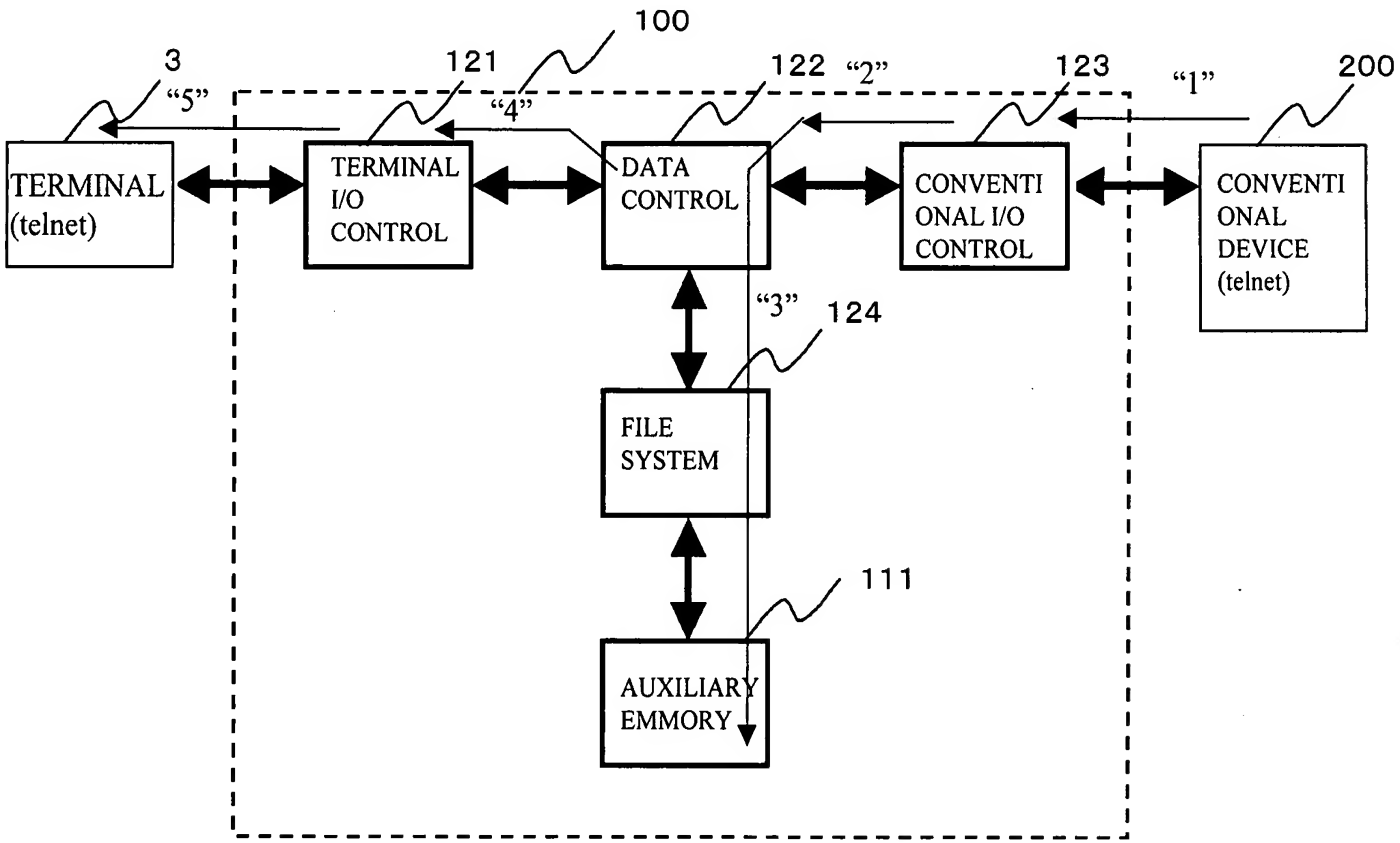

100
3
"5"
121
"4"
122
"2"
123
"1"
200
TERMINAL
(telnet)
TERMINAL
I/O
CONTROL
DATA
CONTROL
CONVENTI
ONAL I/O
CONTROL
CONVENTI
ONAL
DEVICE
(telnet)
"3"
124
FILE
SYSTEM
111
AUXILIARY
EMMORY

Fig. 27

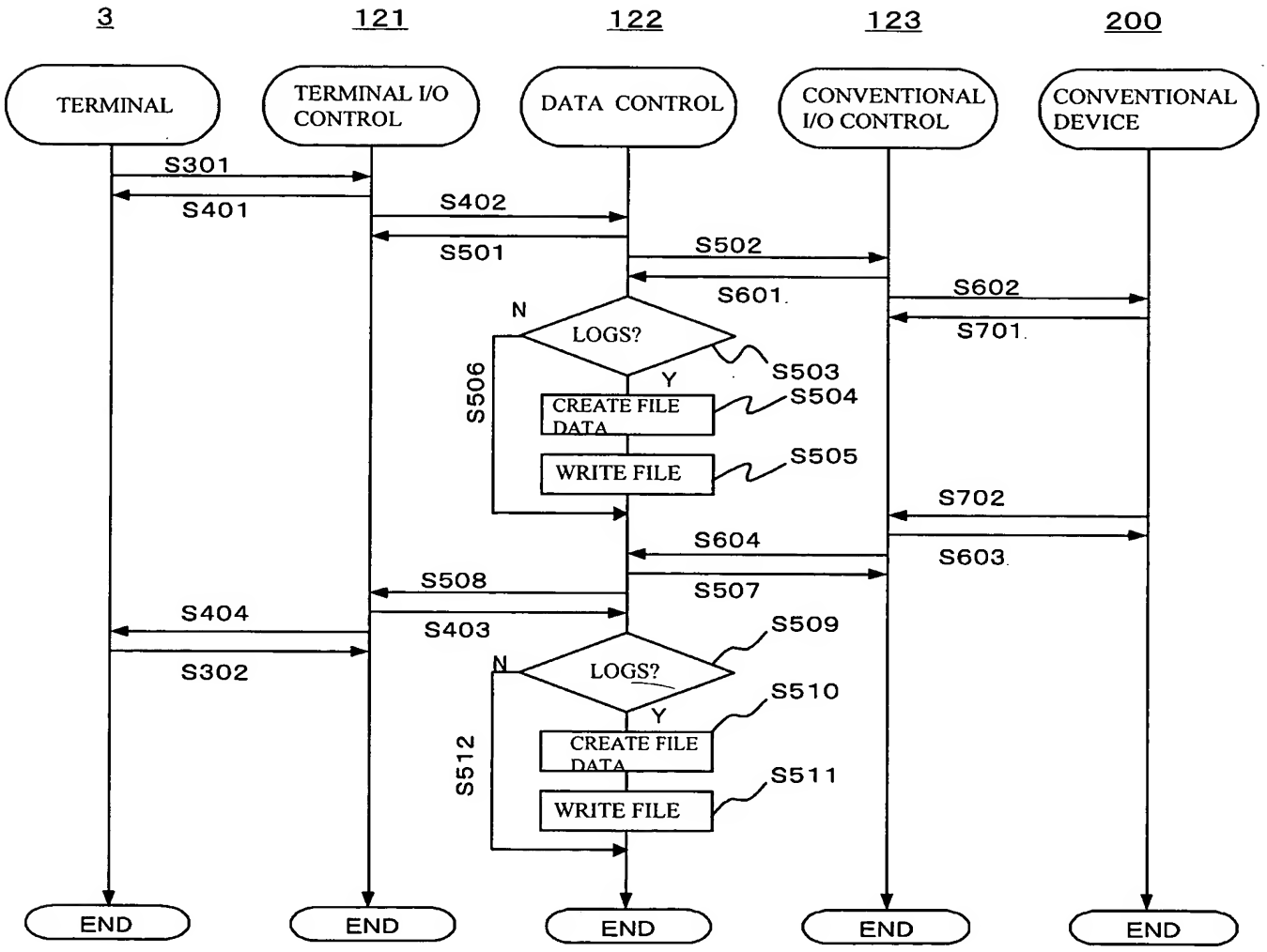

3
121
122
123
200
TERMINAL
TERMINAL I/O CONTROL
DATA CONTROL
CONVENTIONAL I/O CONTROL
CONVENTIONAL DEVICE
S301
S401
S402
S501
S502
S601
S602
S701
N
LOGS?
Y
S503
S506
CREATE FILE DATA
S504
WRITE FILE
S505
S702
S604
S603
S508
S507
S404
S403
S509
S302
N
LOGS?
Y
S510
S512
CREATE FILE DATA
S511
WRITE FILE
END
END
END
END
END

Fig. 28

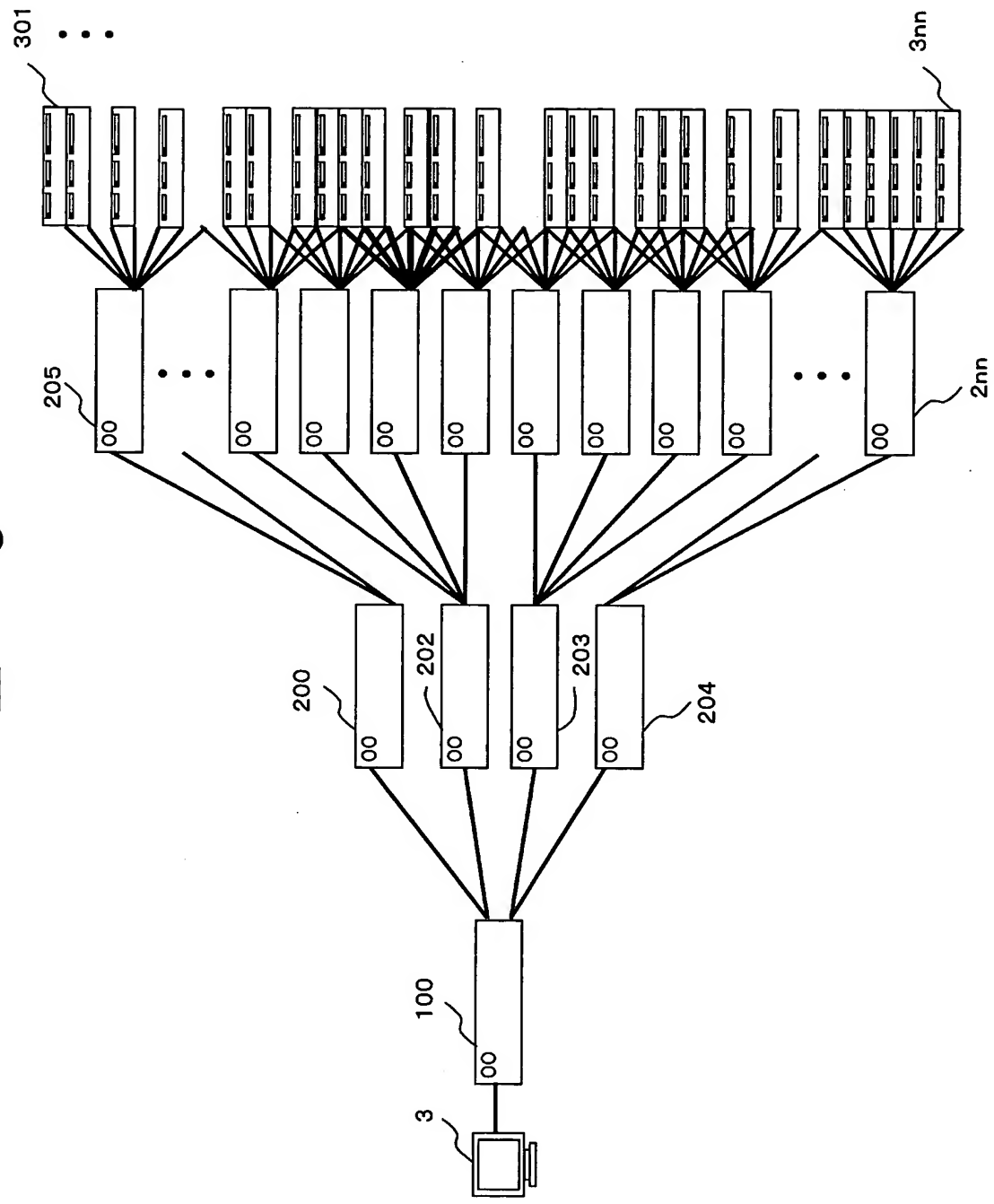


Fig. 29

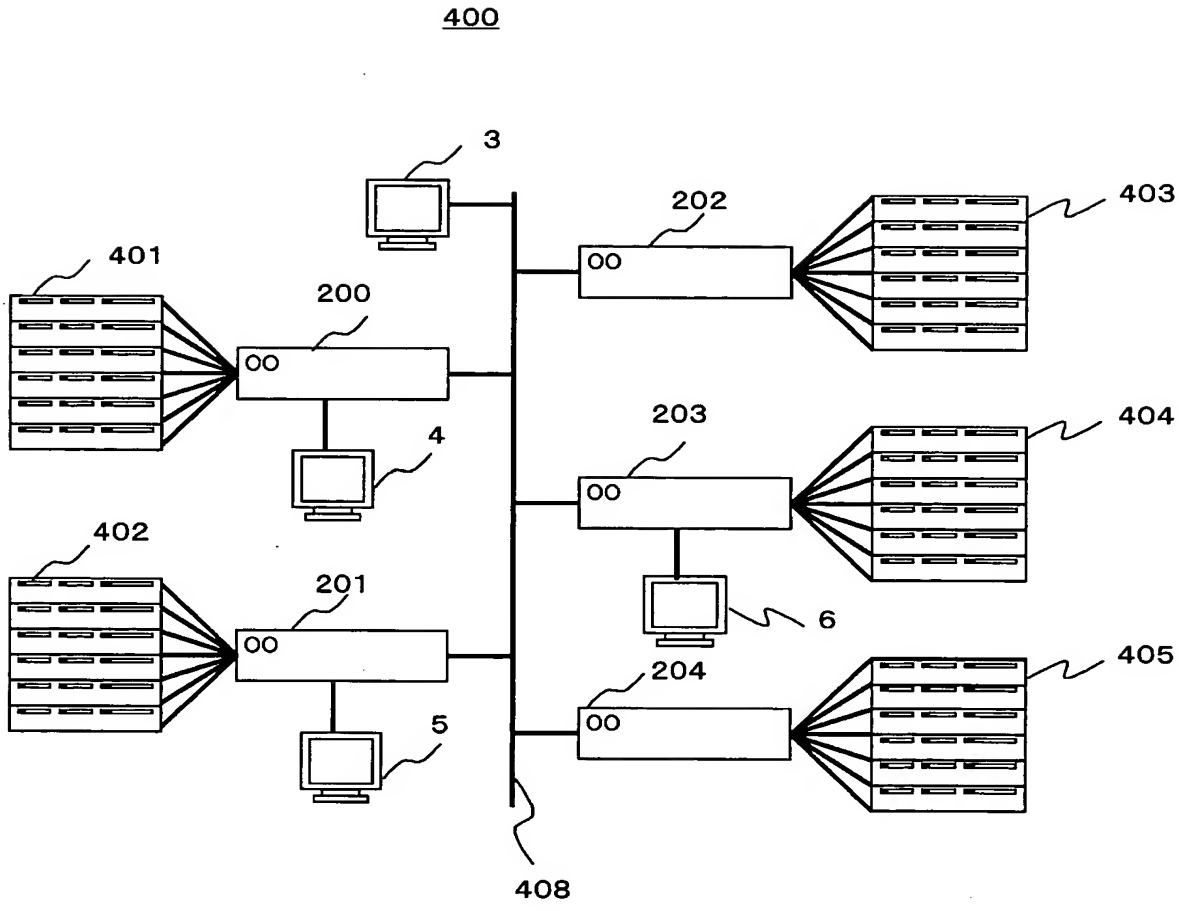

400
3
401
200
OO
4
402
201
OO
5
202
OO
403
203
OO
404
6
204
OO
405
408

Fig. 30

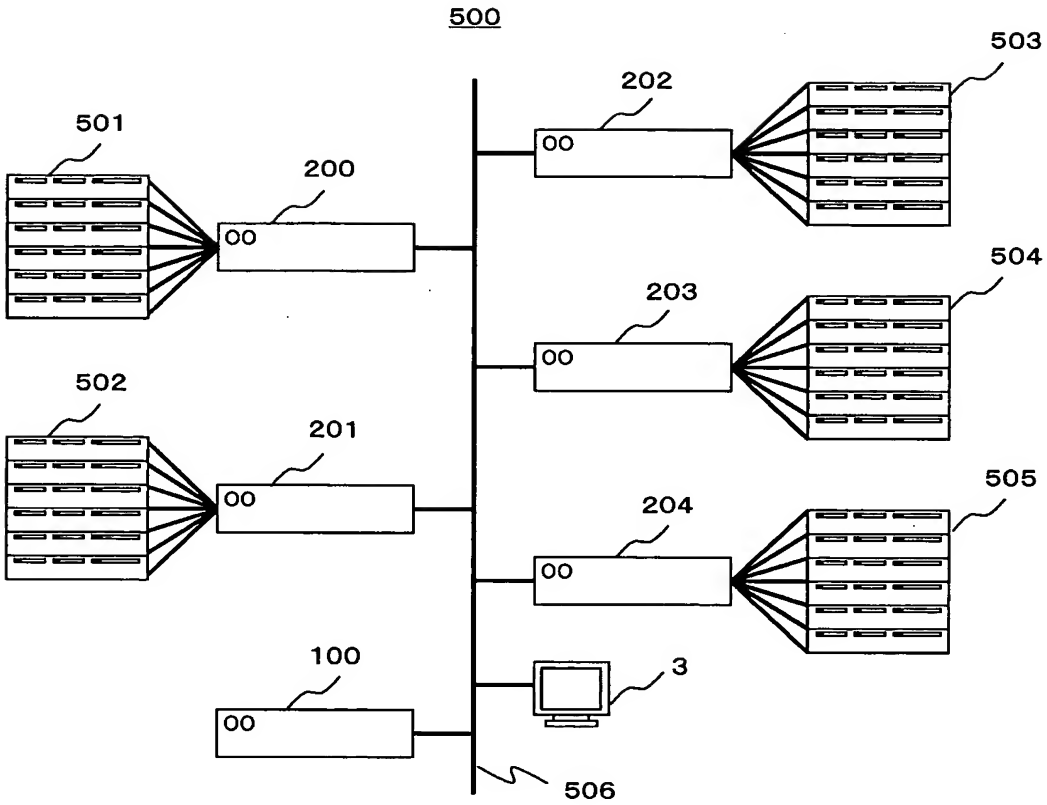


Fig. 31

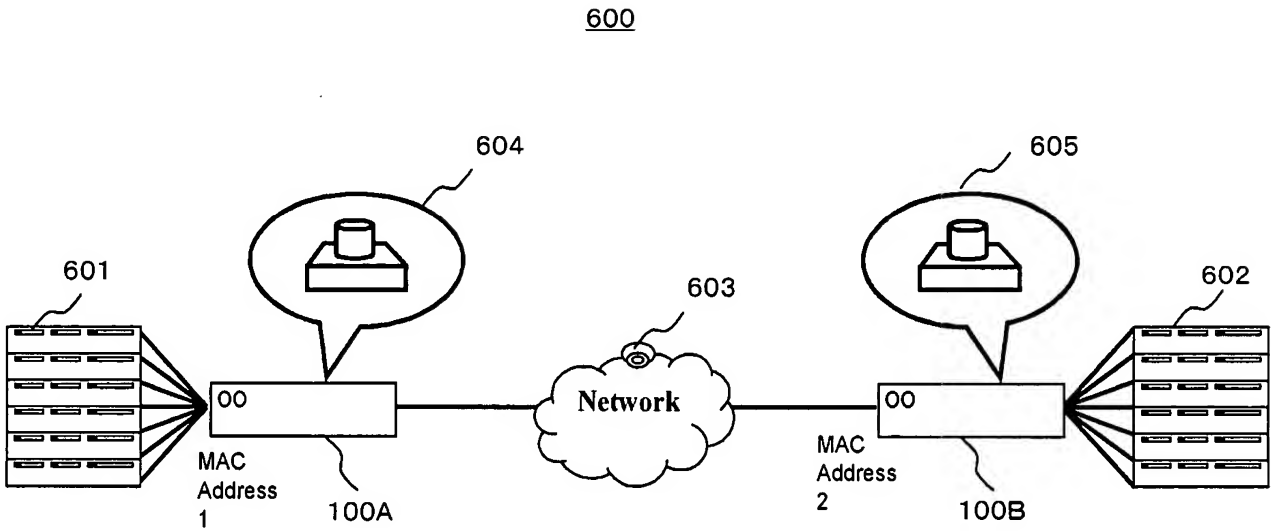

600
604
605
601
603
602
00
Network
00
MAC
Address
1
100A
MAC
Address
2
100B

Fig. 32

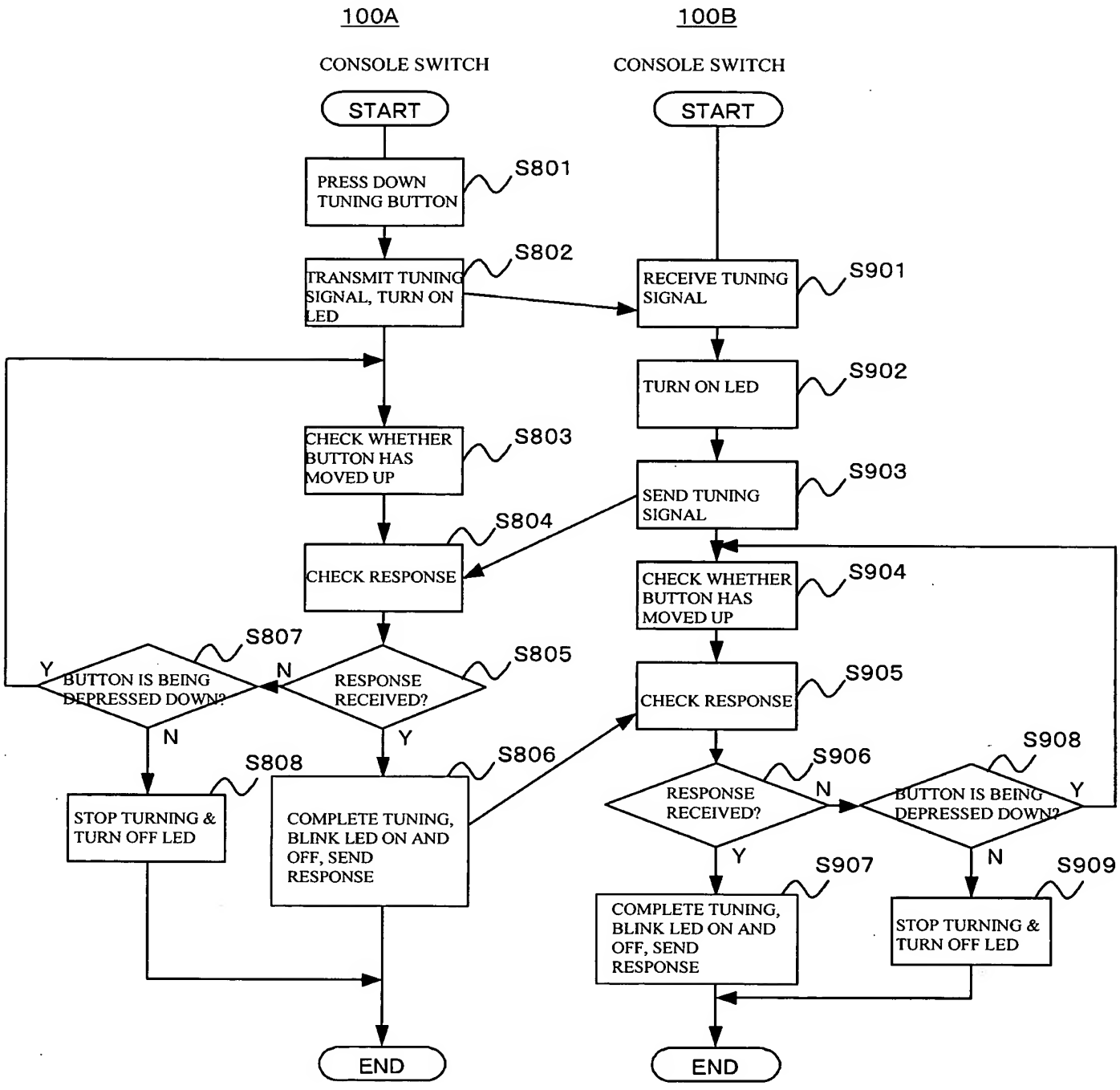
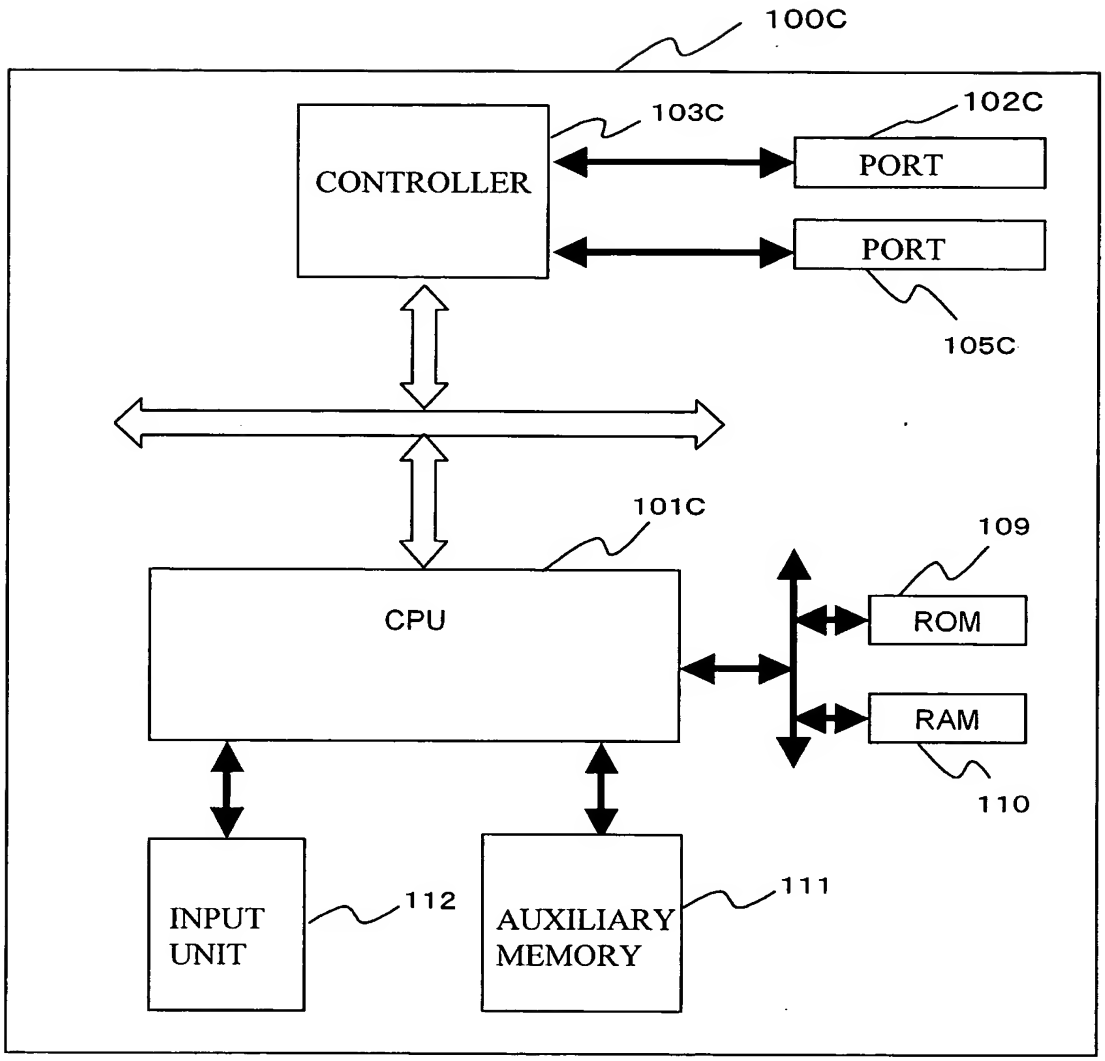

100A
CONSOLE SWITCH
START
PRESS DOWN TUNING BUTTON
S801
TRANSMIT TUNING SIGNAL, TURN ON LED
S802
CHECK WHETHER BUTTON HAS MOVED UP
S803
CHECK RESPONSE
S804
RESPONSE RECEIVED?
S805
Y
N
BUTTON IS BEING DEPRESSED DOWN?
S807
N
Y
STOP TURNING & TURN OFF LED
S808
COMPLETE TUNING, BLINK LED ON AND OFF, SEND RESPONSE
S806
END
100B
CONSOLE SWITCH
START
RECEIVE TUNING SIGNAL
S901
TURN ON LED
S902
SEND TUNING SIGNAL
S903
CHECK WHETHER BUTTON HAS MOVED UP
S904
CHECK RESPONSE
S905
RESPONSE RECEIVED?
S906
N
Y
BUTTON IS BEING DEPRESSED DOWN?
S908
Y
N
COMPLETE TUNING, BLINK LED ON AND OFF, SEND RESPONSE
S907
STOP TURNING & TURN OFF LED
S909
END

Fig. 33


100C
CONTROLLER
103C
102C
PORT
PORT
105C
101C
109
CPU
ROM
RAM
110
INPUT UNIT
112
AUXILIARY MEMORY
111